

REMARKS

The present filing is responsive to the Office Action.

Advisory Action

The Examiner indicated that the previously filed proposed amendments after final will not be entered. In a subsequent telephone discussion with the Examiner on April 27, 2011, the Examiner objected to the amendments to independent claim 3, as being including subject matter beyond dependent claims 12 and 13. Specifically, the Examiner objected to the proposed recited “third voltage line group”, as it was not recited in previously presented claims 1, 12 and 13. Applicant respectfully disagrees and submits that the “third voltage line group” merely makes the claim read better, but does not substantively change the scope of the claim. Notwithstanding, in the interest of forwarding prosecution of this case, the present Supplemental Response is filed to remove objectionable wordings. Currently proposed amendments to claim 3 include exact wordings in dependent claims 12 and 13.

Summary of the Response

Claims 3, 15 and 16 have been amended. Claims 12 and 13 have been previously canceled. Claims 1 and 2 have been previously canceled. Claims 3-11 and 14-22 remain pending in this application. Reexamination and reconsideration of the present application as amended are respectfully requested.

Prior Drawing Changes

Applicant respectfully requests the Examiner to note in the record entry of the drawing changes previously presented in Applicant's prior response.

Claim Rejections Under 35 USC 102

Claims 3-9 and 12-22 are rejected under 35 U.S.C. 102(b) as being anticipated by Saito et al. (US 6,501,456). This rejection is respectfully traversed.

Claim 13 has been rewritten into independent form, by amending claim 3 to include all of the limitations of claims 12 and 13. Entry of the present amendments to claim 3 is proper after final, since no new issue has been raised requiring further search.

Claim 3 as amended recites a first voltage line group and a second voltage line group, wherein a second voltage line that belongs to the first voltage line group and is adjacent to the second voltage line group is supplied with a voltage through a second relaying line, and a fourth voltage line that belongs to the second voltage line group and is adjacent to the fifth voltage line is supplied with a voltage through an additional relaying line. In other words, the last voltage line in the first voltage line group and the last voltage line in the second voltage line group are supplied with voltages through different relaying lines. This recited voltage supply circuit structure is supported by the original disclosure of the present application at [41] to [69] and Figs. 3 and 4.

Applicant respectfully submits that Saito fails to disclose the features noted above. Applicant respectfully submits that the recited relaying lines and voltage lines are all different physical lines. To aid the Examiner in following support for the various recited relaying and

voltage lines, claim 3 as amended is reproduced below, with each recited line labeled with a reference numeral, in reference to the embodiment illustrated in Fig. 3, for example.

3. (Currently amended): A voltage supplying device comprising:

a first relaying line (**LV1**);

a second relaying line (**LV_n**);

a first voltage line supplied with a voltage through said first relaying line;

a second voltage line supplied with a voltage through said second relaying line;

a third voltage line supplied with a voltage through said first relaying line, said third voltage line adjacent to said second voltage line;

a controlling means for continuing to supply said second voltage line with a voltage during a transition from a first voltage supplying state in which said first voltage line is supplied with a voltage to a second voltage supplying state in which said third voltage line is supplied with a voltage;

an additional relaying line (**LV_{n+1}**);

a first voltage line group (**GS1**) having said first voltage line (**LS1 in GS1**) and said second voltage line (**LS_n in GS1**); and

a second voltage line group (**GS2**) having said third voltage line (**LS1 in GS2**) and a fourth voltage line (**LS_n in GS2**) supplied with a voltage through said additional relaying line; and

a fifth voltage line (**LS1**) supplied with a voltage through said first relaying line, said fifth voltage line adjacent to said fourth voltage line,

wherein said controlling means continues to supply said fourth relaying line with a voltage through said additional relaying line during a transition from a state in which

said third voltage line is supplied with a voltage through said first relaying line to a state in which said fifth voltage line is supplied with a voltage through said first relaying line.

Applicant notes that the fifth voltage line (**LS1**) is within a third voltage group (**GS3**), as shown in Fig. 3, and as described in the corresponding written disclosure. Given that the relaying lines and voltage lines are all different physical lines, not mere signals, in order for Saito to be able to anticipate the voltage supply circuit structure recited in claim 3, the Examiner must therefore point to where in Saito lay the different lines corresponding to the recited relaying lines and voltage lines. In the present action, the Examiner referred to the timing chart shown in Fig. 14 in Saito, and asserted GS(2n-1), GS(2n) and GS(2n+1) correspond to three different recited voltage lines. Even assuming for the time being that this is true, the Examiner however failed to show additional lines corresponding to the recited **physical relaying lines**. The timing diagram of Fig. 14, without more, would not be sufficient to be relied upon to show the various **physical relaying lines** in the recited voltage supply circuit structure, and much less the specific **structural relationship between the various physical voltage and relaying lines**. Applicant respectfully requests the Examiner to point out the additional physical lines in Saito that may be deemed to correspond to the recited relaying lines in addition to voltage lines.

Accordingly, claim 3 as amended (previously submitted claim 13) is not anticipated by Saito.

Independent claims 15 and 16 have been similarly amended based on similar limitations. Claims 15 and 16 as amended are likewise not anticipated by Saito for the same reasons noted above.

Consequently, all dependent claims are also patentable over Saito. Additionally, the dependent claims recite further limitations that further distinguish from Saito.

Claim Rejections Under 35 USC 103

Claims 10 and 11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Saito et al. (US 6,501,456). This rejection is respectfully traversed.

Given the traversal of independent claim 3 above, the rejections of claims 10 and 11 are rendered moot. Claims 10 and 11 recite further limitations that further distinguish from Saito.

CONCLUSION

In view of all the foregoing, Applicant submits that the claims pending in this application are patentable over the references of record and are in condition for allowance. Such action at an early date is earnestly solicited. **The Examiner is invited to call the undersigned representative to discuss any outstanding issues that may not have been adequately addressed in this response.**

The Assistant Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. §§ 1.16 and 1.17 that may be required by this transmittal and associated documents, or to credit any overpayment to **Deposit Account No. 501288** referencing the attorney docket number of this application.

Respectfully submitted,

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